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INVENT COMETE NT(S) FO USAMI herewit This i items The U	PION ERING APPARATUS OR DO/EO/US et al. In submits to the United State is a FIRST submission of item is a SECOND or SUBSEQUE is an express request to begin (5), (6), (9) and (21) indicate is as been elected (Article 3) by of the International Applicate is attached hereto (required	DER 35 U.S.C. 371 INTERNATIONAL FILING DATE December 26, 2002 INTERNATIONAL FILING DATE December 26, 2002 INTERNATIONAL FILING DATE December 26, 2002 INTERNATIONAL FILING DATE DECEMBER 2002 INTERN				
INVENT COMETE NT(S) FC USAMI herewit This i This i items The U	APPLICATION NO. TON ERING APPARATUS OR DO/EO/US et al. h submits to the United State s a FIRST submission of item s a SECOND or SUBSEQUE s an express request to begin (5), (6), (9) and (21) indicated US has been elected (Article 3) by of the International Applicated is attached hereto (required	INTERNATIONAL FILING DATE December 26, 2002 s Designated/Elected Office (DO/E is concerning a filing under 35 U.S NT submission of items concerning a national examination procedures d below. 31). tion as filed (35 U.S.C. 371(c)(2))	EO/US) the following items and other information: i.C. 371. g a filing under 35 U.S.C. 371.			
NT(s) FC USAMI herewith This i This i items The U	ERING APPARATUS OR DO/EO/US et al. In submits to the United State is a FIRST submission of item is a SECOND or SUBSEQUE is an express request to begin (5), (6), (9) and (21) indicate is as been elected (Article 3 in of the International Applicate is attached hereto (required)	ns concerning a filing under 35 U.S NT submission of items concerning a national examination procedures displayed below. S1). Ition as filed (35 U.S.C. 371(c)(2))	s.C. 371. g a filing under 35 U.S.C. 371.			
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This is items The U A corporate a. [s an express request to begin (5), (6), (9) and (21) indicated IS has been elected (Article 3 by of the International Applicat	national examination procedures d below. 31). tion as filed (35 U.S.C. 371(c)(2))	g a filing under 35 U.S.C. 371. (35 U.S.C. 371(f)). The submission must include			
items The U A cop a. [(5), (6), (9) and (21) indicated IS has been elected (Article 3 by of the International Applicat is attached hereto (required	d below. 31). tion as filed (35 U.S.C. 371(c)(2))	(35 U.S.C. 371(f)). The submission must include			
a. [y of the International Applicat] is attached hereto (required	tion as filed (35 U.S.C. 371(c)(2))				
а. [is attached hereto (required					
а. [b. [
b. [only if not communicated by the I	nternational Bureau).			
۰ ٦		the International Bureau.				
U. L	c. is not required, as the application was filed in the United States Receiving Office (RO/US).					
An E	nglish language translation of	the International Application as file	ed (35 U.S.C. 371(c)(2))			
-	The standard boroto					
ь. [The stand proviously submitted under 35 U.S.C. 154(d)(4).					
	The International Application was filed in English.					
Ame	Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))					
_	are attached hereto (require	ed only if not communicated by the	e International Bureau).			
	have been communicated I					
c. [☐ have not been made; howe	ever, the time limit for making such	amendments has NOT expired.			
а [☐ have not been made and w	vill not be made.	•			
 An E	nglish language translation o	f the amendments to the claims ur	nder PCT Article 19 (35 U.S.C. 371(c)(3)).			
7 And	ath or declaration of the inver	ntor(s) (35 U.S.C. 371(c)(4)).				
7 An E	An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).					
1 to 20	below concern document(s	or information included:				
7 An I	nformation Disclosure Statem	nent under 37 CFR 1.97 and 1.98.				
] An a	assignment document for reco	ording. A separate cover sheet in	compliance with 37 CFR 3.28 and 3.31 is included.			
] A pi	eliminary amendment.					
	An Application Data Sheet under 37 CFR 1.76.					
☐ A sı	ubstitute specification.					
⊠ Ар	ower of attorney and/or chang	e of address letter.				
☐ Ac	omputer-readable form of the	sequence listing in accordance wi	ith PCT Rule 13 <i>ter</i> .2 and 37 CFR 1.821 - 1.825.			
	econd copy of the published in	nternational application under 35 t	U.S.C. 154(d)(4).			
☐ As	econd copy of the English lan	guage translation of the internatio	nal application under 35 U.S.C. 154(d)(4).			
☐ As	Other items or information: Designation of Ten Attorneys for Power of Attorneys					
1	(35 to 20 to 20 An I An a A pri An A A St A A A A A A A A A A A A A A A A	(35 U.S.C. 371(c)(5)). to 20 below concern document(s). An Information Disclosure Statem An assignment document for reco A preliminary amendment. An Application Data Sheet under A substitute specification. A power of attorney and/or chang A computer-readable form of the A second copy of the published in	(35 U.S.C. 371(c)(5)). to 20 below concern document(s) or information included: An Information Disclosure Statement under 37 CFR 1.97 and 1.98. An assignment document for recording. A separate cover sheet in A preliminary amendment. An Application Data Sheet under 37 CFR 1.76. A substitute specification. A power of attorney and/or change of address letter. A computer-readable form of the sequence listing in accordance with a second copy of the published international application under 35 to 35 december 20 dece			

J.S. APPLICATION NO. (if known, see 37 C.F.R. 1.5) 10/500,046 INTERNATIONAL APPLICATION NO. New U.S. National Stage of CT/JP02/13647			ATTORNEYS DOCKET NUMBER 1201			
21. The following fees are submitted:			CALCULATIONS	PTO USE ONLY		
BASIC NATIONAL FEE	E (37 CFR 1.492(a)(1)-(5					
international search fee	eliminary examination fee (37 CFR 1.445(a)(2)) pa eport not prepared by the					
International preliminary but International Search	y examination fee (37 CF n Report prepared by the					
International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO						
International preliminary all claims did not satisfy	y examination fee (37 CF y provisions of PCT Articl					
International preliminar all claims satisfied prov	y examination fee (37 CF isions of PCT Article 33(
	ER APPROPRIATE BA			\$		
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				\$130		
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$ ·		
Total Claims	- 20 =		X \$ 18.00	\$		
Independent Claims	- 3 =		× \$ 86.00	\$		
MULTIPLE DEPENDEN	NT CLAIM(S)(if applicable	e)	+ \$290.00	\$		
	-	CALCULATIONS =	\$130			
Applicant claims sr reduced by ½.	mall entity status. See 37	\$				
SUBTOTAL =			\$130			
Processing fee of \$130 the earliest claimed price	.00 for furnishing the Engority date (37 CFR 1.492)	\$				
		\$130				
Fee for recording the er accompanied by an app	nclosed assignment (37 opropriate cover sheet (37	CFR 1.21(h)). The ass CFR 3.28, 3.31). \$40	ignment must be .00 per property +	\$		
11/20/2004 CNOTO	PPD 00000084 150461	TOTAL FE	ES ENCLOSED =	\$130		
01 FC:1617		10500046		Amount to be refunded:	s	
VI (C.101)	130.00 DA			charged:	\$	
a. A check in the amount of \$130 to cover the above fees is enclosed. b. Please charge my Deposit Account No in the amount of \$ to cover the above fees. A duplicate copy of this sheet is enclosed. c. A check in the amount of \$ to cover the above fees. A duplicate copy of this sheet is enclosed. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 15-0461. A duplicate copy of this sheet is enclosed. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 15-0461. A duplicate copy of this sheet is enclosed. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 15-0461. A duplicate copy of this sheet is enclosed. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 15-0461. A duplicate copy of this sheet is enclosed. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 15-0461. A duplicate copy of this sheet is enclosed. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 15-0461. A duplicate copy of this sheet is enclosed.						
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.						
		тив аррисации со р	Citating Status.			
SEND ALL CORRESP	•					
	OLIFF & BERRIDGE, PLC Customer Number: 25944 NAME: Mario A. Costantino REGISTRATION NUMBER: 33,565			665		
Date September 15, 2004 NAME: Thomas J. Pardini REGISTRATION NUMBER: 30,411				111		



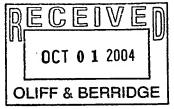
United States Patent and Trademark Office



UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Offices Address COMMISSIONER FOR PATENTS PO. Doz 1459 Alexandra, Virginia 22313-1450 www.mphugov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATT	Y. DOCKET NO.
10/500,046	Mamoru Usami	120191 , INTERNATIONAL APPLICATION NO.	
•	.		
	PCT/JP02/13647		13647
25944		LA. FILING DATE	PRIORITY DATE
OLIFF & BERRIDGE, PLC	RECEIVEN '	12/26/2002	12/28/2001

25944 OLIFF & BERRIDGE, PLC P.O. BOX 19928 ALEXANDRIA, VA 22320



Date Mailed: 09/27/2004

MISSING PARTS

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

DUE DATE

NOV 2 7 2004

- Copy of the International Application filed on 06/25/2004
- English Translation of the IA filed on 06/25/2004
- Copy of the International Search Report filed on 06/25/2004
- Preliminary Amendments filed on 06/25/2004
- Information Disclosure Statements filed on 06/25/2004
- U.S. Basic National Fees filed on 06/25/2004
- Priority Documents filed on 06/25/2004
- Power of Attorney filed on 06/25/2004

The following items MUST be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

• Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 **CENTED**)

A copy of this notice MUST be returned with the respect on on on 2004

By Oliff & Berridge

SHELBY J VIGIL



Telephone: (703) 308-9140 EXT 224

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/500,046	PCT/JP02/13647	120191

FORM PCT/DO/EO/905 (371 Formalities Notice)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Mamoru USAMI et al.

ATTN: PCT Branch

Application No.: 10/500,046

Docket No.: 120191

Filed:

September 15, 2004

For:

SPECTROMETERING APPARATUS

RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) DECLARATION ALREADY FILED

Director of the U.S. Patent and Trademark Office Washington, D.C. 20231

Sir:

In response to the Notification of Missing Requirements Under 35 U.S.C 371 in the United States Designated/Elected Office (DO/EO/US) (copy attached) mailed on September 27, 2004, the executed Declaration and a Power of Attorney of the inventors was filed on September 15, 2004. Any necessary Designation of Ten Attorneys for Power of Attorney or Transmittal of Power of Attorney and Statement Under 37 C.F.R. §3.73(b) is also attached. A copy of the executed Declaration as filed, a copy of the Transmittal Letter to the United States Designated/Elected Office (DO/EO/US) Concerning a Filing Under 35 U.S.C. 371, and a copy of the stamped postcard receipt are attached hereto. The surcharge for providing the oath or declaration later than the appropriate 20 or 30 months from the priority date (37 CFR 1.492(e)) was also paid on September 15, 2004 with our Check No. 158520 for \$130.

Entry of these documents on <u>September 15, 2004</u> should have completed all of the filing formalities. Accordingly, prompt issuance of a Notification of Acceptance and Filing Receipt, and prompt examination and allowance of this application are respectfully solicited.

The Director is hereby authorized to charge any additional fee (or credit any overpayment) associated with this communication to Deposit Account No. 15-0461.

Respectfully submitted,

Mario A. Costantino Registration No. 33,565

Eric D. Morehouse Registration No. 38,565

MAC:EDM/mlo

Date: November 26, 2004

OLIFF & BERRIDGE, PLC P.O. Box 19928 Alexandria, Virginia 22320 Telephone: (703) 836-6400 DEPOSIT ACCOUNT USE
AUTHORIZATION

Please grant any extension necessary for entry; Charge any fee due to our Deposit Account No. 15-0461

PTO DECEIPT FOR FILING OF PAPERS

► Mail Room (Regular Delivery)

The following papers have been filed:

PCT Trans; CK 158520 (\$130); Des of Ten Attorneys; Dec

Name of Applicant: Mamoru USAMI et al.

Serial No.: 10/500,046

Atty. File No.: 120191

Title (New Cases):

Sender's Initials: MAC/mlo

74/4

PATENT OFFICE DATE STAMP



COPY TO BE STAMPED BY PATENT OFFICE
AND RETURNED BY MESSENGER
Oliff & Berridge, PLC
277 S. Washington Street, Suite 500, Alexandria, Virginia 22314